Service Description:
NED Person Data Web Service

Version #	Change Description	Owner
1.0	Initial Version	Bill Jones

Purpose

The purpose of this document is to provide a general description of the NIH Enterprise Directory (NED) Person Web Service.

General Description

The NED Person web service returns a full record from the NED and is invoked via SOAP over HTTPS. This service is useful in any application that needs to extract NED data for a person or organization. The SOAP header must include a valid NIH AD account and password in the NIH domain.

Operations

There are five operations within the NED Person web service:

- ByNIHId
    - o Returns one record of data for the specified NIH ID. Input is an NIH ID, output is the NED Person schema.
- ByADAcco   unt
    - o Returns one record of data for the specified AD Account in the NIH domain. Input is an AD account name, output is the NED Person schema.
- ByName
    - o Returns one record for each person whose name first name begins with the specified first name and last name begins with the specified last name. The search is case insensitive. Records for all first/last names matching either the legal or common names are returned. Input is first and last name, output is the NED Person schema below. One of first and last name must be supplied.
- ByIC
    - o Returns one record for each person in the specified IC with the designated organizational status. Input is the IC and an optional organizational status (e.g. employee, contractor). Output is the NED Person schema shown below.
- BySAC
    - o Returns one record for each person whose NED SAC code designation begins with the specified SAC code and who has the designated organizational status. Input is SAC code prefix and an optional organizational status (e.g. employee, contractor). . Out is the NED Person schema below.

Input Schemas – The input schema for each operation consists of the element (two for ByName) specific to the service. The byIC and bySAC operations also support an optional organizational status.

Output Schema

- The By NIH Id and By AD Account operations return the full NED data record defined by the schema
  https://soa.nih.gov:443/NEDPerson/Schemas/NEDPersonV2Schema.xsd
- The By IC, By SAC, and By Name operations return a limited subset of the NED data:
  - Number of records returned (0 if no records found)
  - One schema of basic NED data for each person. The basic schema contains:
    * NIH Id (UNIQUEIDENTIFIER)
    * Legal first, middle, and last names
    * Common first, middle, and last names
    * Office   telephone number
    * Preferred email address
    * IC
    * SAC   Code
    * Organizational   status
    * NIH   Domain
    * NIH Login Id
    * Office   Address
    * Organizational   Title

Use Cases

- Search by NIH Id
  - A valid NIH Id of 0010144278 was specified – the data for the person defined by that NIH Id was returned.
- Search by AD Account Name
  - A valid AD account name of wjackson was specified – the data for the person defined by that AD account name was returned.
  - An invalid NIH Id or AD account name was specified – the UNIQUEIDENTIFIER field contains 'Invalid Identifier'.
- Search by IC
  - An IC of NCI was specified, no organizational status was specified. Returned – Number of records = # of NCI entries, one record for each person in NCI.
  - An IC of NCI and an organizational status of employee were specified. Returned = Number of records = # of NCI entries with an organizational status of employee, one record for each employee.
- Search by Name
  - A first name of Wil and last name of John was specified, NED entries were found. Returned – Return code = 00, Number of records = # of matched records, records for all people with a legal first name beginning with Wil and a legal last name beginning with John, or a common first name beginning with Wil and a common last name beginning with John were returned. All matches were case insensitive.

- o A first name of Qbrat and last name of Jrnhs were specified, no NED entries were found. Returned – Return code = 00, Number of records = 0, no data records returned.
- Search by SAC
  - o A SAC Code of HNU and no organizational status were specified. Returned – Number or records - # of matched records, records for all people whose SAC Codes begin with HNU (which is CIT)
  - o A SAC Code of HNAM5 is specified. Returned – Number of records -- # of matched records, records for all people whose SAC Codes begin with HNAM5 (which is OD/ORS).

Contact Information

For additional information on this web service, contact CITISCAdmins@mail.nih.gov.